

### **Amendments to the Specification**

- 1) Please insert the following subtitle at page 1, below the title:

#### **Background**

- 2) Please delete the text at page 1, lines 2 – 4.

- 3) Please insert the following subtitle and text at page 2, line 1:

#### **Summary**

The object of the present invention is to propose a device of this type in which the capacity to suck gas into the impeller is increased.

- 4) Please delete the text found at page 2, lines 13 – 25.

- 5) Please insert the following subtitle and text at page 2, line 27:

#### **Brief Description of the Drawings**

For a further understanding of the nature and objects for the present invention, reference should be made to the following detailed description, taken in conjunction with the accompanying drawings, in which like elements are given the same or analogous reference numbers and wherein:

- Figure 1A illustrates a schematic view of a typical device for stirring and injecting a gas into a liquid;
- Figure 1B illustrates a second schematic view of a typical device for stirring and injecting a gas into a liquid;
- Figure 2 illustrates one embodiment, according to the current invention, of a self priming impeller;
- Figure 3 illustrates another embodiment, according to the current invention, of a self priming impeller; and
- Figure 4 illustrates a clogging limit curve showing curves for a typical device and for several embodiments of the current invention.

- 6) Please insert the following subtitle and text after the above-inserted paragraphs:

#### **Description of Preferred Embodiments**

The object of the present invention is to propose a device of this type in which the capacity to suck gas into the impeller is increased.

- 7) Please insert the following paragraph at page 9, line 14:

It will be understood that many additional changes in the details, materials, steps and arrangement of parts, which have been herein described in order to explain the nature of the invention, may be made by those skilled in the art within the principle and scope of the invention as expressed in the appended claims. Thus, the present invention is not intended to be limited to the specific embodiments in the examples given above.

- 8) Please replace the subtitle at page 10, line 1, with the following text:

**~~CLAIMS~~** What is claimed is: